FIG. 1

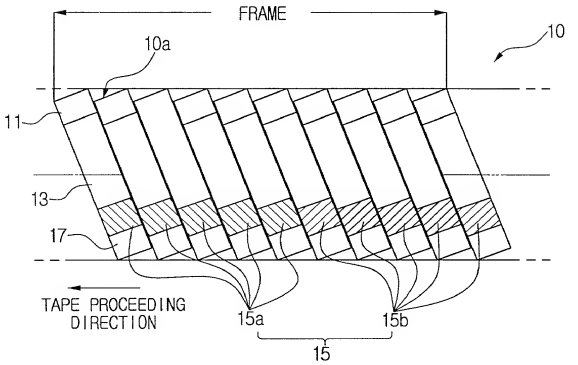

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FIG.2

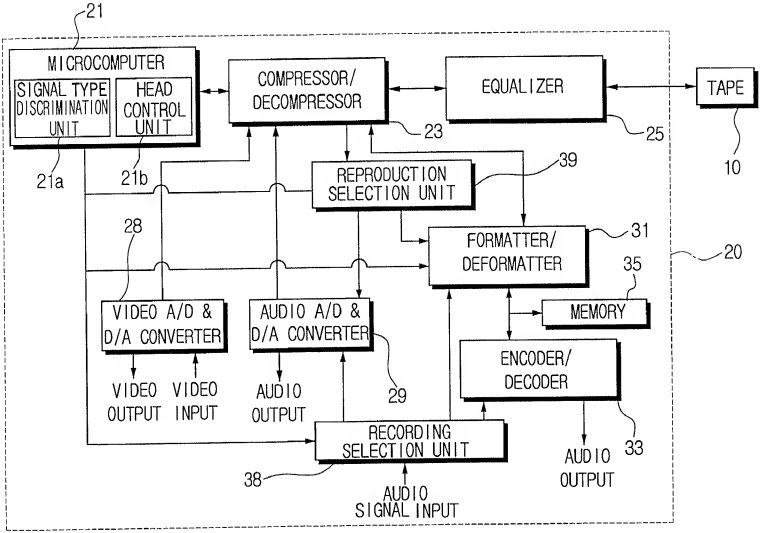


FIG.3

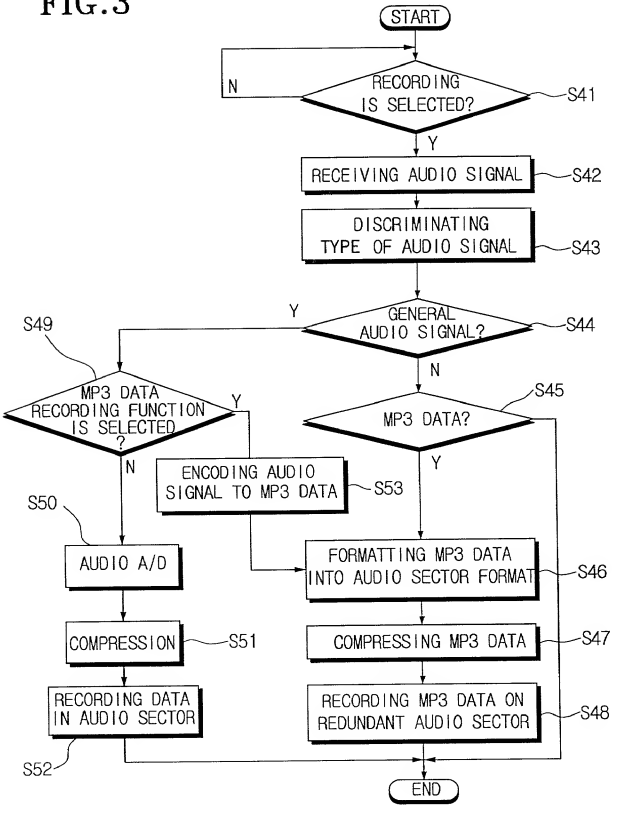
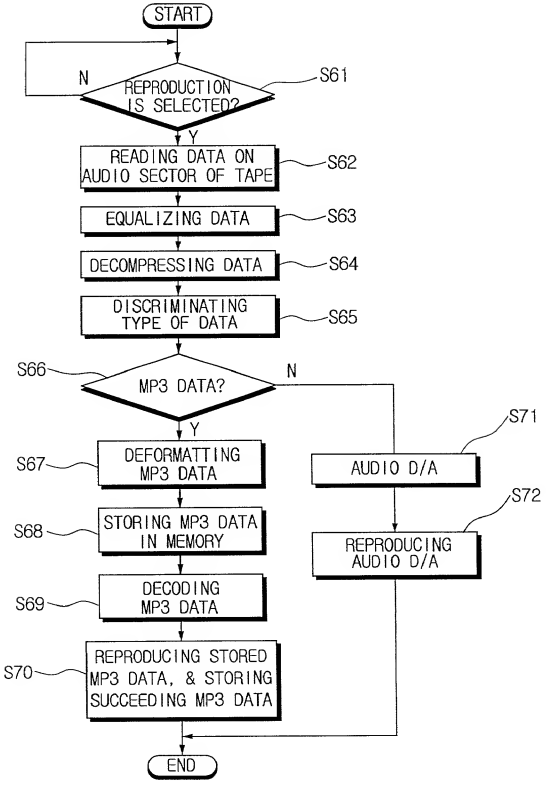

START
RECORDING IS SELECTED?
N
Y
S41
RECEIVING AUDIO SIGNAL
S42
DISCRIMINATING TYPE OF AUDIO SIGNAL
S43
GENERAL AUDIO SIGNAL?
Y
N
S44
S49
MP3 DATA RECORDING FUNCTION IS SELECTED ?
Y
N
S45
MP3 DATA?
Y
ENCODING AUDIO SIGNAL TO MP3 DATA
S53
S50
AUDIO A/D
FORMATTING MP3 DATA INTO AUDIO SECTOR FORMAT
S46
COMPRESSION
S51
COMPRESSING MP3 DATA
S47
RECORDING DATA IN AUDIO SECTOR
RECORDING MP3 DATA ON REDUNDANT AUDIO SECTOR
S48
S52
END

FIG.4


START
REPRODUCTION IS SELECTED?
N
Y
S61
READING DATA ON AUDIO SECTOR OF TAPE
S62
EQUALIZING DATA
S63
DECOMPRESSING DATA
S64
DISCRIMINATING TYPE OF DATA
S65
MP3 DATA?
S66
N
Y
DEFORMATTING MP3 DATA
S67
STORING MP3 DATA IN MEMORY
S68
DECODING MP3 DATA
S69
REPRODUCING STORED MP3 DATA, & STORING SUCCEEDING MP3 DATA
S70
AUDIO D/A
S71
REPRODUCING AUDIO D/A
S72
END